OIPE

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/965528

CRF Processing Date: 11/14/01
Edited by: MH
Verified by: _____

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number input applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____

ENTERED

- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename a ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field according due to a PatentIn bug). Sequences corrected: _____
- ☑ Other: Inserted left align margin between sequence of 150 and 151 field identifiers.

*Examiner: The above corrections must be communicated to the applicant in the first Action. DO NOT send a copy of this form.

OIPE

RAW SEQUENCE LISTING DATE: 11/14/2001
PATENT APPLICATION: US/09/965,528 TIME: 10:43:57

Input Set : A:\PTO.MH.BS.JM.txt
Output Set: N:\CRF3\11142001\I965528.raw

#2.

ENTERED

2 <110> APPLICANT: INCYTE GENOMICS, INC.
3 TANG, Y. Tom
4 YUE, Henry
5 LAL, Preeti
6 BURFORD, Neil
7 BANDMAN, Olga
8 BAUGHN, Mariah R.
9 AZIMZAI, Yalda
10 LU, Dyung Aina M.
11 PATTERSON, Chandra
W--> 12 <120> TITLE OF INVENTION: EXTRACELLULAR SIGNALING MOLECULES
W--> 13 <130> FILE REFERENCE: PF-0701 USA
W--> 14 <140> CURRENT APPLICATION NUMBER: To Be Assigned
C--> 15 <141> CURRENT FILING DATE: 2001-09-26
16 <150> PRIOR APPLICATION NUMBER: 60/134,949
17 <151> PRIOR FILING DATE: 1999-05-19
18 <150> PRIOR APPLICATION NUMBER: 60/144,270
19 <151> PRIOR FILING DATE: 1999-07-15
20 <150> PRIOR APPLICATION NUMBER: 60/146,700
21 <151> PRIOR FILING DATE: 1999-07-30
22 <150> PRIOR APPLICATION NUMBER: 60/157,508
23 <151> PRIOR FILING DATE: 1999-10-04
W--> 24 <160> NUMBER OF SEQ ID: 55
25 <170> SOFTWARE: PERL Program
W--> 26 <210> SEQ ID NO: 1
27 <211> LENGTH: 77
28 <212> TYPE: PRT
29 <213> ORGANISM: Homo sapiens
W--> 30 <220> FEATURE:
31 <221> NAME/KEY: misc_feature
32 <223> OTHER INFORMATION: Incyte ID No: 1288847CD1
W--> 33 <400> SEQUENCE: 1
34 Met Gly Lys Glu Trp Val Lys Ile Leu Leu Phe Leu Leu His Leu
35 1 5 10 15
36 Ser Asn Phe Phe Thr Ile Val Thr Phe Leu Gly Ser Gln Gly Leu
37 20 25 30
38 Leu Gln Ser Pro Ser Tyr Glu Lys Leu Val Gly Cys Cys Leu Met
39 35 40 45
40 Thr Arg Gly Cys Phe Ser Pro Ser Val Met Leu Pro Ser Ala Ala
41 50 55 60
42 Pro Ser Gln Gln Asp Ser Pro Ser His Ser Arg Ala Pro Gly Pro
43 65 70 75
44 Cys Ser
46 <210> SEQ ID NO: 2
47 <211> LENGTH: 88
48 <212> TYPE: PRT
49 <213> ORGANISM: Homo sapiens

RAW SEQUENCE LISTING DATE: 11/14/2001
PATENT APPLICATION: US/09/965,528 TIME: 10:43:57

Input Set : A:\PTO.MH.BS.JM.txt
Output Set: N:\CRF3\11142001\I965528.raw

W--> 50 <220> FEATURE:
51 <221> NAME/KEY: misc_feature
52 <223> OTHER INFORMATION: Incyte ID No: 1329044CD1
W--> 53 <400> SEQUENCE: 2
54 Met Lys Thr Pro Asn Asp Leu Phe Leu Arg Gln Leu Gly Tyr Leu
55 1 5 10 15
56 Ser Ile Cys Cys Phe Val Phe Ser Ser Glu Glu Ser Lys Asn Tyr
57 20 25 30
58 Lys Ile Ser Leu Ile Val Tyr Leu Thr Phe Leu Thr Met Glu Thr
59 35 40 45
60 Lys Pro Arg Asn Ser Ile Tyr Ser Val Leu Thr Gln Ser Thr His
61 50 55 60
62 Pro Asp Phe Glu Ser Pro Arg Thr Gly Val Pro Asn Pro Arg Ala
63 65 70 75
64 Glu Asp Gln Tyr Gln Phe Glu Ala Tyr Tyr Arg Val Thr
65 80 85
66 <210> SEQ ID NO: 3
67 <211> LENGTH: 96
68 <212> TYPE: PRT
69 <213> ORGANISM: Homo sapiens
W--> 70 <220> FEATURE:
71 <221> NAME/KEY: misc_feature
72 <223> OTHER INFORMATION: Incyte ID No: 1493630CD1
W--> 73 <400> SEQUENCE: 3
74 Met Ser Met Gln Phe Leu Phe Lys Met Val Ala Leu Cys Cys Cys
75 1 5 10 15
76 Leu Trp Lys Ile Ser Gly Cys Glu Glu Val Pro Leu Thr Tyr Asn
77 20 25 30
78 Leu Leu Lys Cys Leu Leu Asp Lys Ala His Cys Val Leu Leu Thr
79 35 40 45
80 Pro Cys Gly Tyr Ile Phe Ser Leu Ile Ser Pro Glu Ile Leu Lys
81 50 55 60
82 Leu Thr Leu Ile Thr Leu Gln Ile Leu Leu Ile Leu Lys Asn Leu
83 65 70 75
84 His Leu Leu Trp Leu Thr Val Ser Ser Arg Cys Val His Arg Ser
85 80 85 90
86 Ser Ala Arg Lys Glu Lys
87 95
88 <210> SEQ ID NO: 4
89 <211> LENGTH: 104
90 <212> TYPE: PRT
91 <213> ORGANISM: Homo sapiens
W--> 92 <220> FEATURE:
93 <221> NAME/KEY: misc_feature
94 <223> OTHER INFORMATION: Incyte ID No: 1533041CD1
W--> 95 <400> SEQUENCE: 4
96 Met Arg Leu Ser Leu Pro Leu Gly Ser Leu Leu Trp Pro Phe Leu
97 1 5 10 15
98 Val Cys Gly Cys Leu Leu Gln Val Ala Leu Cys Gln Thr Arg Ser

RAW SEQUENCE LISTING DATE: 11/14/2001
PATENT APPLICATION: US/09/965,528 TIME: 10:43:57

Input Set : A:\PTO.MH.BS.JM.txt
Output Set: N:\CRF3\11142001\I965528.raw

```
     99                  20                  25                  30
     100 Ala Pro His Leu Asp Thr His Ser Pro Val Ala Phe Gln Cys Ser
     101                  35                  40                  45
     102 Gly Arg Lys Pro Val Ser Leu Asp Val Lys Leu Thr Leu Met Gly
     103                  50                  55                  60
     104 Trp Gly Arg Gly Leu Gly Arg Arg Gly Gly Arg Gly Glu Gly Thr
     105                  65                  70                  75
     106 Glu Leu Arg Ile Ser Trp Ser Ala Leu Gln Ala Gln Arg Arg Ser
     107                  80                  85                  90
     108 Ala Lys Val Leu Asn Arg Phe Ser Leu Glu Ile Lys Asn Pro
     109                  95                 100
     110 <210> SEQ ID NO: 5
     111 <211> LENGTH: 60
     112 <212> TYPE: PRT
     113 <213> ORGANISM: Homo sapiens
W--> 114 <220> FEATURE:
     115 <221> NAME/KEY: misc_feature
     116 <223> OTHER INFORMATION: Incyte ID No: 1566162CD1
W--> 117 <400> SEQUENCE: 5
     118 Met Leu Met Phe Ile Lys Gly Leu Ser Ser Thr Leu Phe Leu Gly
     119   1               5                  10                  15
     120 Ser Thr Leu Ser His Arg Asp Pro Ile Cys Phe Tyr Ser Phe His
     121                  20                  25                  30
     122 Phe His Leu Tyr Leu Leu Pro His Ala Val Ser Pro Val Thr Asn
     123                  35                  40                  45
     124 Ser Ile Tyr Asn Tyr Leu Leu Gly Leu Tyr Leu Asp Thr Cys Thr
     125                  50                  55                  60
     126 <210> SEQ ID NO: 6
     127 <211> LENGTH: 117
     128 <212> TYPE: PRT
     129 <213> ORGANISM: Homo sapiens
W--> 130 <220> FEATURE:
     131 <221> NAME/KEY: misc_feature
     132 <223> OTHER INFORMATION: Incyte ID No: 1811831CD1
W--> 133 <400> SEQUENCE: 6
     134 Met Pro Lys Ser Gln Ser His His Leu Thr Gln Leu Gln Leu Leu
     135   1               5                  10                  15
     136 Pro Ser Cys Leu Leu Gly Leu Leu Pro Pro Val Pro Ala Val His
     137                  20                  25                  30
     138 Ala Tyr Ile Leu Gln Gly Cys Val Leu Ser Gly Arg Glu Ile Phe
     139                  35                  40                  45
     140 Phe Ser Val Leu Gln Phe Phe Thr Gln Thr Phe Ser Phe Val Val
     141                  50                  55                  60
     142 Pro Val Phe Pro Ser Phe Pro Gly Gly Phe Arg Leu Pro Phe Ser
     143                  65                  70                  75
     144 Ser Pro Trp Leu Ser Leu Cys Pro Ile His Arg Ser Thr Leu Gln
     145                  80                  85                  90
     146 Ala Cys Leu Tyr Glu Arg Gly Leu Phe Leu Cys Arg Lys Leu Thr
     147                  95                 100                 105
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RAW SEQUENCE LISTING DATE: 11/14/2001
PATENT APPLICATION: US/09/965,528 TIME: 10:43:57

Input Set : A:\PTO.MH.BS.JM.txt
Output Set: N:\CRF3\11142001\I965528.raw

```
     148 Leu Thr Arg Cys Gly Cys Ser Tyr Thr Asp Leu Ile
     149                 110                 115
     150 <210> SEQ ID NO: 7
     151 <211> LENGTH: 86
     152 <212> TYPE: PRT
     153 <213> ORGANISM: Homo sapiens
W--> 154 <220> FEATURE:
     155 <221> NAME/KEY: misc_feature
     156 <223> OTHER INFORMATION: Incyte ID No: 1835447CD1
W--> 157 <400> SEQUENCE: 7
     158 Met Arg Ala Lys Gly Phe Leu Ala Pro Ser Leu Val Leu Ala Val
     159   1               5                  10                  15
     160 Ser Leu Glu Leu Met His Pro Asp Ala Asn Ser Pro Ser Glu Cys
     161                  20                  25                  30
     162 Arg Gly Asp Glu Thr Leu Thr Gly Gln Phe Asn Leu Tyr Met Gly
     163                  35                  40                  45
     164 Asp Lys Leu Glu Gly Lys Thr Asn Gly Arg Arg Val Lys Arg Lys
     165                  50                  55                  60
     166 Leu Asn Tyr Cys Ala Asn Thr Arg His Ser Asn Pro Gly Gly Tyr
     167                  65                  70                  75
     168 Cys Arg Val Asn Asn Asp Arg Tyr Tyr Phe Val
     169                  80                  85
     170 <210> SEQ ID NO: 8
     171 <211> LENGTH: 109
     172 <212> TYPE: PRT
     173 <213> ORGANISM: Homo sapiens
W--> 174 <220> FEATURE:
     175 <221> NAME/KEY: misc_feature
     176 <223> OTHER INFORMATION: Incyte ID No: 3892281CD1
W--> 177 <400> SEQUENCE: 8
     178 Met Arg Cys Arg Leu Leu Ala Gly Ala Leu Val Leu Leu His Leu
     179   1               5                  10                  15
     180 Arg Leu Ser Ile Trp Leu Leu Gly Leu Pro His Ser Met Ala Asp
     181                  20                  25                  30
     182 Gly Leu Arg Glu Gly Ala Phe Pro Asn Lys Gly Pro His Lys Leu
     183                  35                  40                  45
     184 Asp Leu Trp Arg Ala Ser Leu Arg Ser His Pro Val Ser His Gly
     185                  50                  55                  60
     186 Pro His Phe Ile Gly Tyr Arg Ala Ser Gln Phe Glu Gly Glu Glu
     187                  65                  70                  75
     188 Lys Tyr Val Ala Val Tyr Ala Val Ser Ser Ala Ser Leu Leu Pro
     189                  80                  85                  90
     190 Ala Leu Pro Val Pro Val Leu Arg Ala Ala Leu Ala Glu Gln Met
     191                  95                 100                 105
     192 Tyr Leu Leu Ser
     194 <210> SEQ ID NO: 9
     195 <211> LENGTH: 111
     196 <212> TYPE: PRT
     197 <213> ORGANISM: Homo sapiens
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RAW SEQUENCE LISTING DATE: 11/14/2001
PATENT APPLICATION: US/09/965,528 TIME: 10:43:57

Input Set : A:\PTO.MH.BS.JM.txt
Output Set: N:\CRF3\11142001\I965528.raw

W--> 198 <220> FEATURE:
199 <221> NAME/KEY: misc_feature
200 <223> OTHER INFORMATION: Incyte ID No: 4318494CD1
W--> 201 <400> SEQUENCE: 9
202 Met Arg Ser Pro Ser Phe Pro Phe Thr Leu Leu Ser Gly Leu Pro
203 1 5 10 15
204 Gly Pro Gly Phe Ser Gln Leu Cys Val Arg Val Ser Gln Val Ser
205 20 25 30
206 Arg Asn Pro Met Arg Ser Glu Gly Cys Phe Gly Leu Leu Lys Ser
207 35 40 45
208 Val Gln Asp Asn Pro Ala Ser Ala Leu Glu Leu Leu Asp Phe Ser
209 50 55 60
210 Asp Ile Gln Val Asn Ala Glu Phe Asp Gly Leu Ala Ser Ser Val
211 65 70 75
212 Arg Gly Ile Leu Pro Glu Leu Cys Ile Lys Thr Gly Ala Cys Arg
213 80 85 90
214 Val Glu Tyr Lys Lys Glu Leu Leu Pro Val Phe Arg Ser Ala Leu
215 95 100 105
216 Pro Ala Ser Val Pro Lys
217 110
218 <210> SEQ ID NO: 10
219 <211> LENGTH: 182
220 <212> TYPE: PRT
221 <213> ORGANISM: Homo sapiens
W--> 222 <220> FEATURE:
223 <221> NAME/KEY: misc_feature
224 <223> OTHER INFORMATION: Incyte ID No: 5090841CD1
W--> 225 <400> SEQUENCE: 10
226 Met Glu Pro Gln Leu Gly Pro Glu Ala Ala Ala Leu Arg Pro Gly
227 1 5 10 15
228 Trp Leu Ala Leu Leu Leu Trp Val Ser Ala Leu Ser Cys Ser Phe
229 20 25 30
230 Ser Leu Pro Ala Ser Ser Leu Ser Ser Leu Val Pro Gln Val Arg
231 35 40 45
232 Thr Ser Tyr Asn Phe Gly Arg Thr Phe Leu Gly Leu Asp Lys Cys
233 50 55 60
234 Asn Ala Cys Ile Gly Thr Ser Ile Cys Lys Lys Phe Phe Lys Glu
235 65 70 75
236 Glu Ile Arg Ser Asp Asn Trp Leu Ala Ser His Leu Gly Leu Pro
237 80 85 90
238 Pro Asp Ser Leu Leu Ser Tyr Pro Ala Asn Tyr Ser Asp Asp Ser
239 95 100 105
240 Lys Ile Trp Arg Pro Val Glu Ile Phe Arg Leu Val Ser Lys Tyr
241 110 115 120
242 Gln Asn Glu Ile Ser Asp Arg Arg Ile Cys Ala Ser Ala Ser Ala
243 125 130 135
244 Pro Lys Thr Cys Ser Ile Glu Arg Val Leu Arg Lys Thr Glu Arg
245 140 145 150
246 Phe Gln Lys Trp Leu Gln Ala Lys Arg Leu Thr Pro Asp Leu Val

VERIFICATION SUMMARY DATE: 11/14/2001
PATENT APPLICATION: US/09/965,528 TIME: 10:43:58

Input Set : A:\PTO.MH.BS.JM.txt
Output Set: N:\CRF3\11142001\I965528.raw

L:12 M:283 W: Missing Blank Line separator, <120> field identifier
L:13 M:283 W: Missing Blank Line separator, <130> field identifier
L:14 M:283 W: Missing Blank Line separator, <140> field identifier
L:14 M:270 C: Current Application Number differs, Replaced Current Application Number
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:24 M:283 W: Missing Blank Line separator, <160> field identifier
L:26 M:283 W: Missing Blank Line separator, <210> field identifier
L:30 M:283 W: Missing Blank Line separator, <220> field identifier
L:33 M:283 W: Missing Blank Line separator, <400> field identifier
L:50 M:283 W: Missing Blank Line separator, <220> field identifier
L:53 M:283 W: Missing Blank Line separator, <400> field identifier
L:70 M:283 W: Missing Blank Line separator, <220> field identifier
L:73 M:283 W: Missing Blank Line separator, <400> field identifier
L:92 M:283 W: Missing Blank Line separator, <220> field identifier
L:95 M:283 W: Missing Blank Line separator, <400> field identifier
L:114 M:283 W: Missing Blank Line separator, <220> field identifier
L:117 M:283 W: Missing Blank Line separator, <400> field identifier
L:130 M:283 W: Missing Blank Line separator, <220> field identifier
L:133 M:283 W: Missing Blank Line separator, <400> field identifier
L:154 M:283 W: Missing Blank Line separator, <220> field identifier
L:157 M:283 W: Missing Blank Line separator, <400> field identifier
L:174 M:283 W: Missing Blank Line separator, <220> field identifier
L:177 M:283 W: Missing Blank Line separator, <400> field identifier
L:198 M:283 W: Missing Blank Line separator, <220> field identifier
L:201 M:283 W: Missing Blank Line separator, <400> field identifier
L:222 M:283 W: Missing Blank Line separator, <220> field identifier
L:225 M:283 W: Missing Blank Line separator, <400> field identifier
L:256 M:283 W: Missing Blank Line separator, <220> field identifier
L:259 M:283 W: Missing Blank Line separator, <400> field identifier
L:278 M:283 W: Missing Blank Line separator, <220> field identifier
L:281 M:283 W: Missing Blank Line separator, <400> field identifier
L:332 M:283 W: Missing Blank Line separator, <220> field identifier
L:335 M:283 W: Missing Blank Line separator, <400> field identifier
L:402 M:283 W: Missing Blank Line separator, <220> field identifier
L:405 M:283 W: Missing Blank Line separator, <400> field identifier
L:436 M:283 W: Missing Blank Line separator, <220> field identifier
L:439 M:283 W: Missing Blank Line separator, <400> field identifier
L:474 M:283 W: Missing Blank Line separator, <220> field identifier
L:477 M:283 W: Missing Blank Line separator, <400> field identifier
L:506 M:283 W: Missing Blank Line separator, <220> field identifier
L:509 M:283 W: Missing Blank Line separator, <400> field identifier
L:538 M:283 W: Missing Blank Line separator, <220> field identifier
L:541 M:283 W: Missing Blank Line separator, <400> field identifier
L:570 M:283 W: Missing Blank Line separator, <220> field identifier
L:573 M:283 W: Missing Blank Line separator, <400> field identifier
L:608 M:283 W: Missing Blank Line separator, <220> field identifier
L:611 M:283 W: Missing Blank Line separator, <400> field identifier
L:648 M:283 W: Missing Blank Line separator, <220> field identifier

DATE: 11/14/2001
TIME: 10:43:58

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/965,528

Input Set : A:\PTO.MH.BS.JM.txt
Output Set: N:\CRF3\11142001\I965528.raw

L:651 M:283 W: Missing Blank Line separator, <400> field identifier
L:722 M:283 W: Missing Blank Line separator, <220> field identifier
L:725 M:283 W: Missing Blank Line separator, <400> field identifier
L:748 M:283 W: Missing Blank Line separator, <220> field identifier
L:1655 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:1657 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54

STATISTICS SUMMARY DATE: 11/14/2001
PATENT APPLICATION: **US/09/965,528** TIME: 10:43:58

Input Set : **A:\PTO.MH.BS.JM.txt**
Output Set: **N:\CRF3\11142001\I965528.raw**

Application Serial Number: US/09/965,528
Alpha or Numeric: Numeric
Application Class:
Application File Date: 09-26-2001
Art Unit: OIPE
Software Application: Other
Total Number of Sequences: 55
Total Nucleotides: 30956
Total Amino Acids: 5045
Number of Errors: 0
Number of Warnings: 118
Number of Corrections: 2

MESSAGE SUMMARY

270 C: 1 (Current Application Number differs)
271 C: 1 (Current Filing Date differs)
283 W: 116 (Missing Blank Line separator)
341 W: 2 ((46) "n" or "Xaa" used)